

Electronic Patent Application Fee Transmittal

Application Number:	10801208				
Filing Date:	16-Mar-2004				
Title of Invention:	Methods of manufacturing semiconductor devices having a ruthenium layer via automatic layer deposition				
First Named Inventor/Applicant Name:	Kwang-hee Lee				
Filer:	D. Randal Ayers/Michele McMahan				
Attorney Docket Number:	5649-1277				
Filed as Large Entity					
Utility Filing Fees					
Description		Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:					
Pages:					
Claims:					
Miscellaneous-Filing:					
Petition:					
Patent-Appeals-and-Interference:					
Notice of appeal	1401	1	510	510	
Filing a brief in support of an appeal	1402	1	510	510	
Post-Allowance-and-Post-Issuance:					

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				1020